



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

PLAN APPROVAL

Issue Date: August 5, 2016
Expiration Date: February 5, 2018

Effective Date: August 5, 2016

In accordance with the provisions of the Air Pollution Control Act, the Act of January 8, 1960, P.L. 2119, as amended, and 25 Pa. Code Chapter 127, the Owner, [and Operator if noted] (hereinafter referred to as permittee) identified below is authorized by the Department of Environmental Protection (Department) to construct, install, modify or reactivate the air emission source(s) more fully described in the site inventory list. This Facility is subject to all terms and conditions specified in this plan approval. Nothing in this plan approval relieves the permittee from its obligations to comply with all applicable Federal, State and Local laws and regulations.

The regulatory or statutory authority for each plan approval condition is set forth in brackets. All terms and conditions in this permit are federally enforceable unless otherwise designated as "State-Only" requirements.

Plan Approval No. 23-0012C

Federal Tax Id - Plant Code: 25-1534498-1

Owner Information

Name: BRASKEM AMER INC
Mailing Address: 750 W 10TH ST
MARCUS HOOK, PA 19061-4500

Plant Information

Plant: BRASKEM AMER INC/MARCUS HOOK
Location: 23 Delaware County 23825 Marcus Hook Borough
SIC Code: 2821 Manufacturing - Plastics Materials And Resins

Responsible Official

Name: CONWAY YEE
Title: FACILITY MANAGER
Phone: (610) 497 - 8386

Plan Approval Contact Person

Name: JEFFREY HIRT
Title: ENVIRONMENTAL ENGINEER
Phone: (610) 497 - 8229

[Signature] _____
JAMES D. REBARCHAK, SOUTHEAST REGION AIR PROGRAM MANAGER



Plan Approval Description

This Plan Approval is issued to the permittee for the project to expand polypropylene production to 297,840 tons per year per plant.

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Note: These same sub-sections are repeated for each source!

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103A	PLANT 1 FUGITIVE SOURCES		
103B	PLANT 2 FUGITIVE SOURCES		
106	PROPYLENE SPLITTER PROCESS & CAVERN 4		
107	PROPYLENE UNLOADING RACK		
S01	PLANT 1 STACK (SILO EXHAUST)		
S02	PLANT 2 STACK (SILO EXHAUST)		
Z01	PLANT 1 FUGITIVES		
Z02	PLANT 2 FUGITIVES		

PERMIT MAPS

PROC
101A → STAC
S01

PROC
101B → STAC
S02

PROC
102A → STAC
Z02

PROC
102B → STAC
Z02

PROC
103A → STAC
Z01

PROC
103B → STAC
Z02

SECTION B. General Plan Approval Requirements

#001 [25 Pa. Code § 121.1]

Definitions

Words and terms that are not otherwise defined in this plan approval shall have the meanings set forth in Section 3 of the Air Pollution Control Act (35 P.S. § 4003) and 25 Pa. Code § 121.1.

#002 [25 Pa. Code § 127.12b (a) (b)]

Future Adoption of Requirements

The issuance of this plan approval does not prevent the future adoption by the Department of any rules, regulations or standards, or the issuance of orders necessary to comply with the requirements of the Federal Clean Air Act or the Pennsylvania Air Pollution Control Act, or to achieve or maintain ambient air quality standards. The issuance of this plan approval shall not be construed to limit the Department's enforcement authority.

#003 [25 Pa. Code § 127.12b]

Plan Approval Temporary Operation

This plan approval authorizes temporary operation of the source(s) covered by this plan approval provided the following conditions are met.

(a) When construction, installation, modification, or reactivation is being conducted, the permittee shall provide written notice to the Department of the completion of the activity approved by this plan approval and the permittee's intent to commence operation at least five (5) working days prior to the completion of said activity. The notice shall state when the activity will be completed and when the permittee expects to commence operation. When the activity involves multiple sources on different time schedules, notice is required for the commencement of operation of each source.

(b) Pursuant to 25 Pa. Code § 127.12b (d), temporary operation of the source(s) is authorized to facilitate the shakedown of sources and air cleaning devices, to permit operations pending the issuance of a permit under 25 Pa. Code Chapter 127, Subchapter F (relating to operating permits) or Subchapter G (relating to Title V operating permits) or to permit the evaluation of the air contaminant aspects of the source.

(c) This plan approval authorizes a temporary operation period not to exceed 180 days from the date of commencement of operation, provided the Department receives notice from the permittee pursuant to paragraph (a), above.

(d) The permittee may request an extension of the 180-day shakedown period if further evaluation of the air contamination aspects of the source(s) is necessary. The request for an extension shall be submitted, in writing, to the Department at least 15 days prior to the end of the initial 180-day shakedown period and shall provide a description of the compliance status of the source, a detailed schedule for establishing compliance, and the reasons compliance has not been established. This temporary operation period will be valid for a limited time and may be extended for additional limited periods, each not to exceed 180 days.

(e) The notice submitted by the permittee pursuant to subpart (a) above, prior to the expiration of the plan approval, shall modify the plan approval expiration date on Page 1 of this plan approval. The new plan approval expiration date shall be 180 days from the date of commencement of operation.

#004 [25 Pa. Code § 127.12(a) (10)]

Content of Applications

The permittee shall maintain and operate the sources and associated air cleaning devices in accordance with good engineering practice as described in the plan approval application submitted to the Department.

#005 [25 Pa. Code §§ 127.12(c) and (d) & 35 P.S. § 4013.2]

Public Records and Confidential Information

(a) The records, reports or information obtained by the Department or referred to at public hearings shall be available to the public, except as provided in paragraph (b) of this condition.

(b) Upon cause shown by the permittee that the records, reports or information, or a particular portion thereof, but not emission data, to which the Department has access under the act, if made public, would divulge production or sales figures or methods, processes or production unique to that person or would otherwise tend to affect adversely the

SECTION B. General Plan Approval Requirements

competitive position of that person by revealing trade secrets, including intellectual property rights, the Department will consider the record, report or information, or particular portion thereof confidential in the administration of the act. The Department will implement this section consistent with sections 112(d) and 114(c) of the Clean Air Act (42 U.S.C.A. § § 7412(d) and 7414(c)). Nothing in this section prevents disclosure of the report, record or information to Federal, State or local representatives as necessary for purposes of administration of Federal, State or local air pollution control laws, or when relevant in a proceeding under the act.

#006 [25 Pa. Code § 127.12b]

Plan Approval terms and conditions.

[Additional authority for this condition is derived from 25 Pa. Code Section 127.13]

(a) This plan approval will be valid for a limited time, as specified by the expiration date contained on Page 1 of this plan approval. Except as provided in § § 127.11a and 127.215 (relating to reactivation of sources; and reactivation), at the end of the time, if the construction, modification, reactivation or installation has not been completed, a new plan approval application or an extension of the previous approval will be required.

(b) If construction has commenced, but cannot be completed before the expiration of this plan approval, an extension of the plan approval must be obtained to continue construction. To allow adequate time for departmental action, a request for the extension shall be postmarked at least thirty (30) days prior to the expiration date. The request for an extension shall include the following:

- (i) A justification for the extension,
- (ii) A schedule for the completion of the construction

If construction has not commenced before the expiration of this plan approval, then a new plan approval application must be submitted and approval obtained before construction can commence.

(c) If the construction, modification or installation is not commenced within 18 months of the issuance of this plan approval or if there is more than an 18-month lapse in construction, modification or installation, a new plan approval application that meets the requirements of 25 Pa. Code Chapter 127, Subchapter B (related to plan approval requirements), Subchapter D (related to prevention of significant deterioration of air quality), and Subchapter E (related to new source review) shall be submitted. The Department may extend the 18-month period upon a satisfactory showing that an extension is justified.

#007 [25 Pa. Code § 127.32]

Transfer of Plan Approvals

(a) This plan approval may not be transferred from one person to another except when a change of ownership is demonstrated to the satisfaction of the Department and the Department approves the transfer of the plan approval in writing.

(b) Section 127.12a (relating to compliance review) applies to a request for transfer of a plan approval. A compliance review form shall accompany the request.

(c) This plan approval is valid only for the specific source and the specific location of the source as described in the application.

#008 [25 Pa. Code § 127.12(4) & 35 P.S. § 4008 & § 114 of the CAA]

Inspection and Entry

(a) Pursuant to 35 P.S. § 4008, no person shall hinder, obstruct, prevent or interfere with the Department or its personnel in the performance of any duty authorized under the Air Pollution Control Act.

(b) The permittee shall also allow the Department to have access at reasonable times to said sources and associated air cleaning devices with such measuring and recording equipment, including equipment recording visual observations, as the Department deems necessary and proper for performing its duties and for the effective enforcement of the Air Pollution Control Act and regulations adopted under the act.

SECTION B. General Plan Approval Requirements

(c) Nothing in this plan approval condition shall limit the ability of the Environmental Protection Agency to inspect or enter the premises of the permittee in accordance with Section 114 or other applicable provisions of the Clean Air Act.

#009 [25 Pa. Code 127.13a]**Plan Approval Changes for Cause**

This plan approval may be terminated, modified, suspended or revoked and reissued if one or more of the following applies:

(a) The permittee constructs or operates the source subject to the plan approval in violation of the act, the Clean Air Act, the regulations promulgated under the act or the Clean Air Act, a plan approval or permit or in a manner that causes air pollution.

(b) The permittee fails to properly or adequately maintain or repair an air pollution control device or equipment attached to or otherwise made a part of the source.

(c) The permittee fails to submit a report required by this plan approval.

(d) The Environmental Protection Agency determines that this plan approval is not in compliance with the Clean Air Act or the regulations thereunder.

#010 [25 Pa. Code §§ 121.9 & 127.216]**Circumvention**

(a) The permittee, or any other person, may not circumvent the new source review requirements of 25 Pa. Code Chapter 127, Subchapter E by causing or allowing a pattern of ownership or development, including the phasing, staging, delaying or engaging in incremental construction, over a geographic area of a facility which, except for the pattern of ownership or development, would otherwise require a permit or submission of a plan approval application.

(b) No person may permit the use of a device, stack height which exceeds good engineering practice stack height, dispersion technique or other technique which, without resulting in reduction of the total amount of air contaminants emitted, conceals or dilutes an emission of air contaminants which would otherwise be in violation of this plan approval, the Air Pollution Control Act or the regulations promulgated thereunder, except that with prior approval of the Department, the device or technique may be used for control of malodors.

#011 [25 Pa. Code § 127.12c]**Submissions**

Reports, test data, monitoring data, notifications shall be submitted to the:

Regional Air Program Manager

PA Department of Environmental Protection

(At the address given on the plan approval transmittal letter or otherwise notified)

#012 [25 Pa. Code § 127.12(9) & 40 CFR Part 68]**Risk Management**

(a) If required by Section 112(r) of the Clean Air Act, the permittee shall develop and implement an accidental release program consistent with requirements of the Clean Air Act, 40 CFR Part 68 (relating to chemical accident prevention provisions) and the Federal Chemical Safety Information, Site Security and Fuels Regulatory Relief Act (P.L. 106-40).

(b) The permittee shall prepare and implement a Risk Management Plan (RMP) which meets the requirements of Section 112(r) of the Clean Air Act, 40 CFR Part 68 and the Federal Chemical Safety Information, Site Security and Fuels Regulatory Relief Act when a regulated substance listed in 40 CFR § 68.130 is present in a process in more than the listed threshold quantity at the facility. The permittee shall submit the RMP to the Environmental Protection Agency according to the following schedule and requirements:

(1) The permittee shall submit the first RMP to a central point specified by the Environmental Protection Agency no later than the latest of the following:

SECTION B. General Plan Approval Requirements

- (i) Three years after the date on which a regulated substance is first listed under § 68.130; or,
- (ii) The date on which a regulated substance is first present above a threshold quantity in a process.

(2) The permittee shall submit any additional relevant information requested by the Department or the Environmental Protection Agency concerning the RMP and shall make subsequent submissions of RMPs in accordance with 40 CFR § 68.190.

(3) The permittee shall certify that the RMP is accurate and complete in accordance with the requirements of 40 CFR Part 68, including a checklist addressing the required elements of a complete RMP.

(c) As used in this plan approval condition, the term "process" shall be as defined in 40 CFR § 68.3. The term "process" means any activity involving a regulated substance including any use, storage, manufacturing, handling, or on-site movement of such substances or any combination of these activities. For purposes of this definition, any group of vessels that are interconnected, or separate vessels that are located such that a regulated substance could be involved in a potential release, shall be considered a single process.

#013 [25 Pa. Code § 127.25]**Compliance Requirement**

A person may not cause or permit the operation of a source subject to § 127.11 (relating to plan approval requirements), unless the source and air cleaning devices identified in the application for the plan approval and the plan approval issued to the source, are operated and maintained in accordance with specifications in the application and conditions in the plan approval issued by the Department. A person may not cause or permit the operation of an air contamination source subject to this chapter in a manner inconsistent with good operating practices.

SECTION C. Site Level Plan Approval Requirements

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VII. ADDITIONAL REQUIREMENTS.

001 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

(a) The permittee shall comply with all of the existing requirements of its Title V Operating Permit No. 23-00012 issued on September 5, 2014, unless specifically revised in this Plan Approval. The provisions in this Plan Approval shall be construed to supersede any contrary provisions in any previous Plan Approval(s) or Operating Permit(s) issued to the permittee.

(b) For the purpose of this Plan Approval,

(1) the Polypropylene Plant No. 1 consists of:
Source ID 101A - Three Storage Silos
Source ID 102A - Polypropylene Mfg. Sources
Source ID 103A - Fugitive Sources

(2) the Polypropylene Plant No. 2 consists of:
Source ID 101B - Three Storage Silos
Source ID 102B - Polypropylene Mfg. Sources
Source ID 103B - Fugitive Sources

VIII. COMPLIANCE CERTIFICATION.

No additional compliance certifications exist except as provided in other sections of this plan approval including Section B (relating to Plan Approval General Requirements).

IX. COMPLIANCE SCHEDULE.

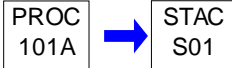
No compliance milestones exist.

SECTION D. Source Level Plan Approval Requirements

Source ID: 101A

Source Name: PLANT 1, THREE STORAGE SILOS

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).**

001 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The Particulate Matter (PM/PM10) emissions from the Polypropylene Plant No.1 shall be less than 7.10 tons per twelve (12) month rolling sum.

Throughput Restriction(s).

002 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

Polypropylene production from Plant 1 shall not exceed 595,680,000 pounds per 12-month rolling sum.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

III. MONITORING REQUIREMENTS.

003 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The permittee shall monitor and records the loading and hours of operation of the silos on a monthly basis.

IV. RECORDKEEPING REQUIREMENTS.

004 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The permittee shall keep polypropylene production records on a monthly and a 12-month rolling sum basis.

005 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

(a) The PM/PM10 emissions shall be calculated using the emission factor from USEPA AP-42 Table 6.6.4-1.

(b) The VOC emissions shall be calculated using the hours of operation and the VOC emission rate in lb/hr from the most recent stack test.

(c) The permittee shall keep record of VOC and PM/PM10 emissions on a monthly basis and 12-month rolling sum.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).



SECTION D. Source Level Plan Approval Requirements

VII. ADDITIONAL REQUIREMENTS.

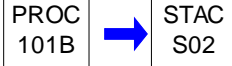
No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

SECTION D. Source Level Plan Approval Requirements

Source ID: 101B

Source Name: PLANT 2, THREE STORAGE SILOS

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The combined Particulate Matter (PMPM10) emissions from the Polypropylene Plant No.2 shall be less than 7.10 tons per twelve (12) month rolling sum.

002 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.560]**Subpart DDD - Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry****Applicability and designation of affected facilities.**

The Total Organic Compound (TOC) from the silos' stack shall be less than 0.10 percent by weight.

Throughput Restriction(s).**# 003 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

Polypropylene production from Plant 2 shall not exceed 595,680,000 pounds per 12-month rolling sum.

II. TESTING REQUIREMENTS.**# 004 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

[Additional authority of these conditions are derived from 40 CFR §60.564(a)(1) and 60.565(b)(1) and (h).]

(a) As per 40 CFR §60.564(a)(1), whenever changes are made in production capacity, the permittee shall determine compliance with the 40 CFR §60.560(g), and must use as reference methods and procedures in appendix A of 40 CFR 60 or other methods and procedures specified in 40 CFR §60.564(d) for weight percent VOC of the uncontrolled individual vent stream.

(b) The test shall be performed within 180 days after startup of the source. The test shall be conducted while the source is operating at or above 90 percent of the production rate.

(c) At least sixty (60) days prior to the test, the permittee shall submit to the Department for approval the procedures for the test and a sketch with dimensions indicating the location of sampling ports and other data to ensure the collection of representative samples.

(d) At least thirty (30) days prior to the test, the Regional Air Quality Manager, shall be informed of the date and time of the test.

(e) Within sixty (60) days after the source test(s), two copies of the complete test report, including all operating conditions, shall be submitted to the Regional Air Quality Manager for approval.

(f) In the event that any of the above deadlines cannot be met, the permittee may request an extension for the due date(s) in writing and include a justification for the extension. The Department may grant an extension for a reasonable cause.

III. MONITORING REQUIREMENTS.**# 005 [25 Pa. Code §127.12b]**

SECTION D. Source Level Plan Approval Requirements**Plan approval terms and conditions.**

The permittee shall monitor and records the loading and hours of operation of the silos on a monthly basis.

IV. RECORDKEEPING REQUIREMENTS.**# 006 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The permittee shall keep polypropylene production records on a monthly and a 12-month rolling sum basis.

007 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

(a) The PM/PM10 emissions shall be calculated using the emission factor from USEPA AP-42 Table 6.6.4-1.

(b) The VOC emissions shall be calculated using the hours of operation and the VOC emission rate in lb/hr from the most recent stack test.

(c) The permittee shall keep record of VOC and PM/PM10 emissions on a monthly basis and 12-month rolling sum.

008 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.565]**Subpart DDD - Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry****Reporting and recordkeeping requirements.**

(a) As per 40 CFR §60.565(a)(10), the permittee shall keep an up-to-date, readily-accessible record of each process operating variable that may result in an increase in the uncontrolled annual emissions or the TOC weight percent, should such operating variable be changed.

(b) As per 40 CFR §60.565(h), the permittee shall keep up-to-date, readily-accessible records of any change in process operation that increases the uncontrolled annual emissions or the VOC weight percent of the individual stream.

V. REPORTING REQUIREMENTS.**# 009 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.565]****Subpart DDD - Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry****Reporting and recordkeeping requirements.**

(a) As per 40 CFR §60.565(k), the permittee shall submit to the Department semiannual reports of any change in process operation that increases the uncontrolled annual emissions or the VOC weight percent of the individual stream, as recorded in 40 CFR §60.565(h).

(b) The initial report shall be submitted with other semiannual reports due March 1, or September 1, whichever is ealier.

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VII. ADDITIONAL REQUIREMENTS.

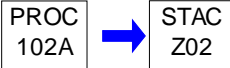
No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

SECTION D. Source Level Plan Approval Requirements

Source ID: 102A

Source Name: PLANT 1 POLYPROPYLENE MFG SOURCES

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The Particulate Matter (PM/PM10) emissions from the Polypropylene Plant No.1 shall be less than 7.10 tons per twelve (12) month rolling sum.

Throughput Restriction(s).**# 002 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

Polypropylene production from Plant 1 shall not exceed 595,680,000 pounds per 12-month rolling sum.

II. TESTING REQUIREMENTS.**# 003 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

[Additional authority of these conditions are derived from 40 CFR §60.564(a)(1), (e), (f), and (g).]

(a) As per 40 CFR §60.564(a)(1), whenever changes are made in production capacity, the permittee shall determine compliance with the 40 CFR §60.562-1(a)(1)(i)(C) and 60.18, and must use as reference methods and procedures in appendix A of 40 CFR 60 or other methods and procedures specified in 40 CFR §60.564(e) for visible emission and flame present provisions, §60.564(f) for net heating value provisions, and §60.564(g) for the exit velocity provisions.

(b) The test shall be performed within 180 days after startup of the source. The test shall be conducted while the source is operating at or above 90 percent of the production rate.

(c) At least sixty (60) days prior to the test, the permittee shall submit to the Department for approval the procedures for the test and a sketch with dimensions indicating the location of sampling ports and other data to ensure the collection of representative samples.

(d) At least thirty (30) days prior to the test, the Regional Air Quality Manager, shall be informed of the date and time of the test.

(e) Within sixty (60) days after the source test(s), two copies of the complete test report, including all operating conditions, shall be submitted to the Regional Air Quality Manager for approval.

(f) In the event that any of the above deadlines cannot be met, the permittee may request an extension for the due date(s) in writing and include a justification for the extension. The Department may grant an extension for a reasonable cause.

III. MONITORING REQUIREMENTS.**# 004 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The permittee shall monitor and record:

(a) the exhaust air flow rate (scfm) for the elutriator baghouses,

(b) the hours of operation of the plant on a monthly basis, and

SECTION D. Source Level Plan Approval Requirements

- (c) the mass flow data using a mass flow meter.
- (d) numbers of maintenance or purge activities on a monthly basis.

IV. RECORDKEEPING REQUIREMENTS.

005 [25 Pa. Code §127.12b] Plan approval terms and conditions.

The permittee shall keep polypropylene production records on a monthly and a 12-month rolling sum basis.

006 [25 Pa. Code §127.12b] Plan approval terms and conditions.

- (a) The permittee shall calculate emissions of
 - (1) VOC from point sources, using mass flow meter data, hours of operation, and material balances.
 - (2) VOC from maintenance and purge etc., using mass balance and number of activities in each month.
 - (3) PM/PM10, using the recorded air flow rate and hours of operation, and the manufacturer guaranteed emission concentration limit (gr/dscf).
- (b) The permittee shall keep records of VOC and PM/PM10 emissions on a monthly basis and 12-month rolling sum.

007 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.565] Subpart DDD - Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry Reporting and recordkeeping requirements.

- (a) As per 40 CFR §60.565(a)(3), the permittee shall keep an up-to-date, readily-accessible record of the following information measured during each performance test, and shall include the following information in the report of the initial performance test in addition to the written results of such performance tests as required under §60.8.
 - (1) All visible emission readings, heat content determinations, and exit velocity determinations made during the performance test,
 - (2) Continuous records of the pilot flame heat-sensing monitoring, and
 - (3) Records of all periods of operations during which the pilot flame is absent.
- (b) As per 40 CFR §60.565(b)(2), if a vent system containing valves that could divert the emission stream away from the control device is used, the permittee shall keep up-to-date, readily accessible continuous records of:
 - (1) All periods when flow is indicated if flow indicators are installed under §69.563(d)(1).
 - (2) All times when maintenance is performed on car-sealed valves, when the car seal is broken, and when the valve position is changed (i.e., from open to closed for valves in the vent piping to the control device and from closed to open for valves that vent the stream directly or indirectly to the atmosphere bypassing the control device).
- (c) As per 40 CFR §565(e), the permittee shall keep readily accessible continuous records of:
 - (1) The flare or pilot light flame heat sensing monitoring specified under 40 CFR §60.563(b)(2), and
 - (2) All periods of operation in which the flare or pilot flame is absent.
- (d) As per 40 CFR §60.565(g), the permittee shall keep up-to-date, readily accessible records of:
 - (1) Any changes in production capacity, or of any replacement, removal or addition of product recovery equipment; and
 - (2) The results of any performance test performed pursuant to the procedures specified by 40 CFR §60.564.

SECTION D. Source Level Plan Approval Requirements

V. REPORTING REQUIREMENTS.

**# 008 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.565]
Subpart DDD - Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry
Reporting and recordkeeping requirements.**

(a) As per 40 CFR §60.565(b)(1), the permittee shall submit with the initial performance test an engineering report describing in detail the vent system used to vent each affected vent stream to the flares. This report shall include all valves and vent pipes that could vent the stream to the atmosphere, thereby bypassing the flares, and identify which valves are car-sealed opened and which valves are car-sealed closed.

(b) As per 40 CFR §60.565(k), the permittee shall submit to the Department semiannual reports, due by March 1 and September 1 each year, of the following recorded information. The initial report shall be submitted within 6 months after the initial start-up date.

- (1) All periods the flare or pilot light flame heat sensing monitoring specified under 40 CFR §60.563(b)(2); and
- (2) All periods of operation in which the flare or pilot flame is absent.

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VII. ADDITIONAL REQUIREMENTS.

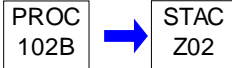
No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

SECTION D. Source Level Plan Approval Requirements

Source ID: 102B

Source Name: PLANT 2 POLYPROPYLENE MFG SOURCES

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The combined Particulate Matter (PMPM10) emissions from the Polypropylene Plant No.2 shall be less than 7.10 tons per twelve (12) month rolling sum.

Throughput Restriction(s).**# 002 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

Polypropylene production from Plant 2 shall not exceed 595,680,000 pounds per 12-month rolling sum.

II. TESTING REQUIREMENTS.**# 003 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

[Additional authority of these conditions are derived from 40 CFR §60.564(a)(1), (e), (f), and (g).]

(a) As per 40 CFR §60.564(a)(1), whenever changes are made in production capacity, the permittee shall determine compliance with the 40 CFR §60.562-1(a)(1)(i)(C) and 60.18, and must use as reference methods and procedures in appendix A of 40 CFR 60 or other methods and procedures specified in 40 CFR §60.564(e) for visible emission and flame present provisions, §60.564(f) for net heating value provisions, and §60.564(g) for the exit velocity provisions.

(b) The test shall be performed within 180 days after startup of the source. The test shall be conducted while the source is operating at or above 90 percent of the production rate.

(c) At least sixty (60) days prior to the test, the permittee shall submit to the Department for approval the procedures for the test and a sketch with dimensions indicating the location of sampling ports and other data to ensure the collection of representative samples.

(d) At least thirty (30) days prior to the test, the Regional Air Quality Manager, shall be informed of the date and time of the test.

(e) Within sixty (60) days after the source test(s), two copies of the complete test report, including all operating conditions, shall be submitted to the Regional Air Quality Manager for approval.

(f) In the event that any of the above deadlines cannot be met, the permittee may request an extension for the due date(s) in writing and include a justification for the extension. The Department may grant an extension for a reasonable cause.

III. MONITORING REQUIREMENTS.**# 004 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The permittee shall monitor and record:

(a) the exhaust air flow rate (scfm) for the elutriator baghouses,

(b) the hours of operation of the plant on a monthly basis, and

SECTION D. Source Level Plan Approval Requirements

- (c) the mass flow data using a mass flow meter.
- (d) numbers of maintenance or purge activities on a monthly basis.

IV. RECORDKEEPING REQUIREMENTS.

005 [25 Pa. Code §127.12b] Plan approval terms and conditions.

The permittee shall keep polypropylene production records on a monthly and a 12-month rolling sum basis.

006 [25 Pa. Code §127.12b] Plan approval terms and conditions.

- (a) The permittee shall calculate emissions of
 - (1) VOC from point sources, using mass flow meter data, hours of operation, and material balances.
 - (2) VOC from maintenance and purge etc., using mass balance and number of activities in each month.
 - (3) PM/PM10, using the recorded air flow rate and hours of operation, and the manufacturer guaranteed emission concentration limit (gr/dscf).
- (b) The permittee shall keep records of VOC and PM/PM10 emissions on a monthly basis and 12-month rolling sum.

007 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.565] Subpart DDD - Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry Reporting and recordkeeping requirements.

- (a) As per 40 CFR §60.565(a)(3), the permittee shall keep an up-to-date, readily-accessible record of the following information measured during each performance test, and shall include the following information in the report of the initial performance test in addition to the written results of such performance tests as required under §60.8.
 - (1) All visible emission readings, heat content determinations, and exit velocity determinations made during the performance test,
 - (2) Continuous records of the pilot flame heat-sensing monitoring, and
 - (3) Records of all periods of operations during which the pilot flame is absent.
- (b) As per 40 CFR §60.565(b)(2), if a vent system containing valves that could divert the emission stream away from the control device is used, the permittee shall keep up-to-date, readily accessible continuous records of:
 - (1) All periods when flow is indicated if flow indicators are installed under §69.563(d)(1).
 - (2) All times when maintenance is performed on car-sealed valves, when the car seal is broken, and when the valve position is changed (i.e., from open to closed for valves in the vent piping to the control device and from closed to open for valves that vent the stream directly or indirectly to the atmosphere bypassing the control device).
- (c) As per 40 CFR §565(e), the permittee shall keep readily accessible continuous records of:
 - (1) The flare or pilot light flame heat sensing monitoring specified under 40 CFR §60.563(b)(2), and
 - (2) All periods of operation in which the flare or pilot flame is absent.
- (d) As per 40 CFR §60.565(g), the permittee shall keep up-to-date, readily accessible records of:
 - (1) Any changes in production capacity, or of any replacement, removal or addition of product recovery equipment; and
 - (2) The results of any performance test performed pursuant to the procedures specified by 40 CFR §60.564.

SECTION D. Source Level Plan Approval Requirements

V. REPORTING REQUIREMENTS.

**# 008 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.565]
Subpart DDD - Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry
Reporting and recordkeeping requirements.**

(a) As per 40 CFR §60.565(b)(1), the permittee shall submit with the initial performance test an engineering report describing in detail the vent system used to vent each affected vent stream to the flares. This report shall include all valves and vent pipes that could vent the stream to the atmosphere, thereby bypassing the flares, and identify which valves are car-sealed opened and which valves are car-sealed closed.

(b) As per 40 CFR §60.565(k), the permittee shall submit to the Department semiannual reports, due by March 1 and September 1 each year, of the following recorded information. The initial report shall be submitted within 6 months after the initial start-up date.

- (1) All periods the flare or pilot light flame heat sensing monitoring specified under 40 CFR §60.563(b)(2); and
- (2) All periods of operation in which the flare or pilot flame is absent.

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VII. ADDITIONAL REQUIREMENTS.

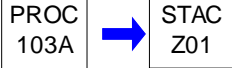
No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

SECTION D. Source Level Plan Approval Requirements

Source ID: 103A

Source Name: PLANT 1 FUGITIVE SOURCES

Source Capacity/Throughput:



I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The Particulate Matter (PM/PM10) emissions from the Polypropylene Plant No.1 shall be less than 7.10 tons per twelve (12) month rolling sum.

Throughput Restriction(s).

002 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

Polypropylene production from Plant 1 shall not exceed 595,680,000 pounds per 12-month rolling sum.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

III. MONITORING REQUIREMENTS.

003 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

Monitoring of each components shall be conducted and recorded in accordance with LDAR program.

IV. RECORDKEEPING REQUIREMENTS.

004 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

Fugitive VOC emissions shall be calculated in accordance with LDAR program.

005 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The permittee shall keep polypropylene production records on a monthly and a 12-month rolling sum basis.

006 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.562-2]
Subpart DDD - Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry
Standards: Equipment leaks of VOC.

The permittee shall comply with 40 CFR §60.486 for all applicable recordkeeping requirements.

V. REPORTING REQUIREMENTS.

007 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.562-2]

Subpart DDD - Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry
Standards: Equipment leaks of VOC.

The permittee shall comply with 40 CFR §60.487 for all applicable reporting requirements.

SECTION D. Source Level Plan Approval Requirements**VI. WORK PRACTICE REQUIREMENTS.**

**# 008 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.562-2]
Subpart DDD - Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer
Manufacturing Industry
Standards: Equipment leaks of VOC.**

(a) The permittee shall comply with the requirements specified in §60.482-1 through §60.482-10 as soon as practicable, but no later than 180 days after initial startup.

VII. ADDITIONAL REQUIREMENTS.

**# 009 [25 Pa. Code §127.12b]
Plan approval terms and conditions.**

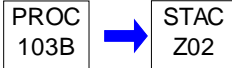
Prior to the incorporation of this Plan Approval into the TVOP, the permittee shall provide to the Department a list of the new components that are subject to the requirements of 40 C.F.R. 60 Subpart DDD and the methods to comply with the requirements for each type of components.

SECTION D. Source Level Plan Approval Requirements

Source ID: 103B

Source Name: PLANT 2 FUGITIVE SOURCES

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).**

001 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The combined Particulate Matter (PM/PM10) emissions from the Polypropylene Plant No.2 shall be less than 7.10 tons per twelve (12) month rolling sum.

Throughput Restriction(s).

002 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

Polypropylene production from Plant 2 shall not exceed 595,680,000 pounds per 12-month rolling sum.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

III. MONITORING REQUIREMENTS.

003 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

Monitoring of each components shall be conducted and recorded in accordance with LDAR program.

IV. RECORDKEEPING REQUIREMENTS.

004 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

Fugitive VOC emissions shall be calculated in accordance with LDAR program.

005 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The permittee shall keep polypropylene production records on a monthly and a 12-month rolling sum basis.

006 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.562-2]

Subpart DDD - Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry**Standards: Equipment leaks of VOC.**

The permittee shall comply with 40 CFR §60.486 for all applicable recordkeeping requirements.

V. REPORTING REQUIREMENTS.

007 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.562-2]

Subpart DDD - Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry**Standards: Equipment leaks of VOC.**

The permittee shall comply with 40 CFR §60.487 for all applicable reporting requirements.

SECTION D. Source Level Plan Approval Requirements**VI. WORK PRACTICE REQUIREMENTS.**

**# 008 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.562-2]
Subpart DDD - Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer
Manufacturing Industry
Standards: Equipment leaks of VOC.**

(a) The permittee shall comply with the requirements specified in §60.482-1 through §60.482-10 as soon as practicable, but no later than 180 days after initial startup.

VII. ADDITIONAL REQUIREMENTS.

**# 009 [25 Pa. Code §127.12b]
Plan approval terms and conditions.**

Prior to the incorporation of this Plan Approval into the TVOP, the permittee shall provide to the Department a list of the new components that are subject to the requirements of 40 C.F.R. 60 Subpart DDD and the methods to comply with the requirements for each type of components.

SECTION D. Source Level Plan Approval Requirements

Source ID: 106

Source Name: PROPYLENE SPLITTER PROCESS & CAVERN 4

Source Capacity/Throughput:

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

III. MONITORING REQUIREMENTS.

001 [25 Pa. Code §127.12b]
Plan approval terms and conditions.

Monitoring of each components shall be conducted and recorded in accordance with LDAR program.

IV. RECORDKEEPING REQUIREMENTS.

002 [25 Pa. Code §127.12b]
Plan approval terms and conditions.

Fugitive VOC emissions shall be calculated in accordance with LDAR program.

003 [25 Pa. Code §127.12b]
Plan approval terms and conditions.

VOC emissions from this source shall be calculated using mass balance based on records of mass flow meter data.

004 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.562-2]
Subpart DDD - Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry
Standards: Equipment leaks of VOC.

The permittee shall comply with 40 CFR §60.486 for all applicable recordkeeping requirements.

005 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.565]
Subpart DDD - Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry
Reporting and recordkeeping requirements.

(a) As per 40 CFR §60.565(b)(2), if a vent system containing valves that could divert the emission stream away from the control device is used, the permittee shall keep up-to-date, readily accessible continuous records of:

- (1) All periods when flow is indicated if flow indicators are installed under §69.563(d)(1).
- (2) All times when maintenance is performed on car-sealed valves, when the car seal is broken, and when the valve position is changed (i.e., from open to closed for valves in the vent piping to the control device and from closed to open for valves that vent the stream directly or indirectly to the atmosphere bypassing the control device).

(b) As per 40 CFR §565(e), the permittee shall keep readily accessible continuous records of:

- (1) The flare or pilot light flame heat sensing monitoring specified under 40 CFR §60.563(b)(2), and
- (2) All periods of operation in which the flare or pilot flame is absent.

(c) As per 40 CFR §60.565(g), the permittee shall keep up-to-date, readily accessible records of:

- (1) Any changes in production capacity, or of any replacement, removal or addition of product recovery equipment; and
- (2) The results of any performance test performed pursuant to the procedures specified by 40 CFR §60.564.

(d) Data, records, and reports pertaining to the Sunoco Flare (Source ID C100) may be maintained by a third party, but shall be made available by the permittee to the Department within 10 business days upon DEP's request.

SECTION D. Source Level Plan Approval Requirements

V. REPORTING REQUIREMENTS.

**# 006 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.562-2]
Subpart DDD - Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry
Standards: Equipment leaks of VOC.**

The permittee shall comply with 40 CFR §60.487 for all applicable reporting requirements.

**# 007 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.565]
Subpart DDD - Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry
Reporting and recordkeeping requirements.**

As per 40 CFR §60.565(b)(1), the permittee shall submit an engineering report describing in detail the new vent system used to vent each affected vent stream to the flares. This report shall include all new valves and vent pipes that could vent the stream to the atmosphere, thereby bypassing the flares, and identify which valves are carsealed opened and which valves are car-sealed closed.

VI. WORK PRACTICE REQUIREMENTS.

**# 008 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.562-2]
Subpart DDD - Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry
Standards: Equipment leaks of VOC.**

(a) The permittee shall comply with the requirements specified in §60.482-1 through §60.482-10 as soon as practicable, but no later than 180 days after initial startup.

VII. ADDITIONAL REQUIREMENTS.

**# 009 [25 Pa. Code §127.12b]
Plan approval terms and conditions.**

Prior to the incorporation of this Plan Approval into the TVOP, the permittee shall provide to the Department a list of the new components that are subject to the requirements of 40 C.F.R. 60 Subpart DDD and the methods to comply with the requirements for each type of components.

SECTION D. Source Level Plan Approval Requirements

Source ID: 107

Source Name: PROPYLENE UNLOADING RACK

Source Capacity/Throughput:

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

III. MONITORING REQUIREMENTS.

001 [25 Pa. Code §127.12b]
Plan approval terms and conditions.

Monitoring of each components shall be conducted and recorded in accordance with LDAR program.

IV. RECORDKEEPING REQUIREMENTS.

002 [25 Pa. Code §127.12b]
Plan approval terms and conditions.

Fugitive VOC emissions shall be calculated in accordance with LDAR program.

003 [25 Pa. Code §127.12b]
Plan approval terms and conditions.

VOC emissions from this source shall be calculated using mass balance and engineering estimates approved by the Department.

004 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.562-2]
Subpart DDD - Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry
Standards: Equipment leaks of VOC.

The permittee shall comply with 40 CFR §60.486 for all applicable recordkeeping requirements.

005 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.565]
Subpart DDD - Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry
Reporting and recordkeeping requirements.

(a) As per 40 CFR §60.565(b)(2), if a vent system containing valves that could divert the emission stream away from the control device is used, the permittee shall keep up-to-date, readily accessible continuous records of:

- (1) All periods when flow is indicated if flow indicators are installed under §69.563(d)(1).
- (2) All times when maintenance is performed on car-sealed valves, when the car seal is broken, and when the valve position is changed (i.e., from open to closed for valves in the vent piping to the control device and from closed to open for valves that vent the stream directly or indirectly to the atmosphere bypassing the control device).

(b) As per 40 CFR §565(e), the permittee shall keep readily accessible continuous records of:

- (1) The flare or pilot light flame heat sensing monitoring specified under 40 CFR §60.563(b)(2), and
- (2) All periods of operation in which the flare or pilot flame is absent.

(c) As per 40 CFR §60.565(g), the permittee shall keep up-to-date, readily accessible records of:

- (1) Any changes in production capacity, or of any replacement, removal or addition of product recovery equipment; and
- (2) The results of any performance test performed pursuant to the procedures specified by 40 CFR §60.564.

(d) Data, records, and reports pertaining to the Sunoco Flare (Source ID C100) may be maintained by a third party, but shall be made available by the permittee to the Department within 10 business days upon DEP's request.

SECTION D. Source Level Plan Approval Requirements

V. REPORTING REQUIREMENTS.

**# 006 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.562-2]
Subpart DDD - Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry
Standards: Equipment leaks of VOC.**

The permittee shall comply with 40 CFR §60.487 for all applicable reporting requirements.

**# 007 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.565]
Subpart DDD - Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry
Reporting and recordkeeping requirements.**

As per 40 CFR §60.565(b)(1), the permittee shall submit an engineering report describing in detail the new vent system used to vent each affected vent stream to the flares. This report shall include all new valves and vent pipes that could vent the stream to the atmosphere, thereby bypassing the flares, and identify which valves are carsealed opened and which valves are car-sealed closed.

VI. WORK PRACTICE REQUIREMENTS.

**# 008 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.562-2]
Subpart DDD - Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry
Standards: Equipment leaks of VOC.**

(a) The permittee shall comply with the requirements specified in §60.482-1 through §60.482-10 as soon as practicable, but no later than 180 days after initial startup.

VII. ADDITIONAL REQUIREMENTS.

**# 009 [25 Pa. Code §127.12b]
Plan approval terms and conditions.**

Prior to the incorporation of this Plan Approval into the TVOP, the permittee shall provide to the Department a list of the new components that are subject to the requirements of 40 C.F.R. 60 Subpart DDD and the methods to comply with the requirements for each type of components.



SECTION E. Alternative Operation Requirements.

No Alternative Operations exist for this Plan Approval facility.

SECTION F. Emission Restriction Summary.

Source Id	Source Description			
101A	PLANT 1, THREE STORAGE SILOS			
Emission Limit		Pollutant		
7.100	Tons/Yr	12-month rolling sum	PM10	
101B	PLANT 2, THREE STORAGE SILOS			
Emission Limit		Pollutant		
7.100	Tons/Yr	12-month rolling sum - Plant 2 combined total	PM10	
102A	PLANT 1 POLYPROPYLENE MFG SOURCES			
Emission Limit		Pollutant		
7.100	Tons/Yr	12-month rolling sum	PM10	
102B	PLANT 2 POLYPROPYLENE MFG SOURCES			
Emission Limit		Pollutant		
7.100	Tons/Yr	12-month rolling sum - Plant 2 combined total	PM10	
103A	PLANT 1 FUGITIVE SOURCES			
Emission Limit		Pollutant		
7.100	Tons/Yr	12-month rolling sum	PM10	
103B	PLANT 2 FUGITIVE SOURCES			
Emission Limit		Pollutant		
7.100	Tons/Yr	12-month rolling sum - Plant 2 combined total	PM10	

Site Emission Restriction Summary

Emission Limit	Pollutant
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SECTION G. Miscellaneous.



***** End of Report *****